

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: O'Donnell et al.	)	Examiner:
		)	To Be Assigned
Serial No.	: Continuation of 09/716,964	)	
		)	Art Unit:
Cnfrm. No.	: To Be Assigned	)	To Be Assigned
		)	
Filed	: Herewith	)	
		)	
For	: BACILLUS STEAROTHERMOPHILUS BETA	)	
	POLYMERASE SUBUNIT AND USE	)	
	THEREOF	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

**Mail Stop: Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Pursuant to 37 CFR § 1.98(d), the references identified on the attached PTO-1449 form are not provided, because these references either were previously cited by or submitted to the PTO in parent U.S. Patent Application Serial No. 09/716,964, filed November 21, 2000, of which this application claims priority under 35 USC § 120.

Respectfully submitted,

Date: September 26, 2003

  
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449 )	ATTY. DOCKET NO. 22221/1180	SERIAL NO. Continuation of 09/716,964
	APPLICANT O'Donnell, et al.	
	FILING DATE Herewith	GROUP ART UNIT To Be Assigned

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	5	5,374,553	12/20/1994	Gelfand et al.			
	6	5,413,926	05/09/1995	Oshima et al.			
	7	5,500,363	03/19/1996	Comb et al.			
	8	5,545,552	08/13/1996	Mathur			

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	9	WO 91/09950	07/11/1991	WIPO			
	10	WO 93/15115	08/05/1993	WIPO			

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	19	5,633,159	05/27/1997	Pearson et al.			
	20	5,736,373	04/07/1998	Hamilton			
	21	5,744,312	04/28/1998	Mamone et al.			
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	31	6,100,078	08/08/2000	Riggs et al.			
	32	6,238,905 B1	05/29/2001	McHenry et al.			
	33	6,395,526 B1	05/28/2002	Uemori et al.			

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		37	Cullman et al., <u>Mol. Cell Biol.</u> 150:4661-4671 (1995)
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		42	Kelman et al., <u>Curr Opin Gen &amp; Dev</u> 4:185-195 (1994)
		43	Kong et al., <u>Cell</u> 69:425-437 (1992)
		44	Kornberg et al., <u>DNA Replication</u> , 2 <sup>nd</sup> ed. New York: W.H. Freeman com, pp. 165-194 (1992)
		45	Krishna et al., <u>Cell</u> 79:1233-1243 (1994)
		46	Kuriyan et al., <u>J. Mol. Biol.</u> 234:915-925 (1993)
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		52	O'Donnell et al., <u>Mol. Cell Biol.</u> 3:953-957 (1992)
		53	O'Donnell et al., <u>Nucl. Acids Res.</u> 21:1-3 (1993)
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		55	Onrust et al., <u>J. Biol. Chem.</u> 266:21681-21686 (1991)
		56	Perrino et al., <u>Biochemistry</u> 29:5226-5231 (1990)
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		62	Weiss et al., Cold Spring Harbor Symposia on Quantitative Biology, 52:687-693 (1987)
		63	Yin et al., <u>Nucl. Acids Res.</u> 14:6541-6549 (1986)
		64	Yuzhakov et al., <u>Cell</u> 86:877-886 (1996)
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